

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
22 July 2004 (22.07.2004)

PCT

(10) International Publication Number
WO 2004/060041 A3

(51) International Patent Classification⁷: **A61K 39/395**,
39/00, 38/00, C07K 17/00

(21) International Application Number:
PCT/US2003/041294

(22) International Filing Date:
29 December 2003 (29.12.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/436,934 30 December 2002 (30.12.2002) US

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(81) Designated States (*national*): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR,
CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN,
MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU,
SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA,
UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (*regional*): ARIPO patent (BW, GH,
GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),
Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

(88) Date of publication of the international search report:
27 January 2005

*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: **KIM-1 ANTAGONISTS AND USE TO MODULATE IMMUNE SYSTEM**

(57) Abstract: The use of KIM-1 antagonists to inhibit signaling between a T cell and a second cell, e.g., an antigen-presenting cell, is disclosed. Such inhibition is useful for treatment of diseases including various autoimmune diseases and graft-versus-host disease. Also disclosed is the use of a KIM-1 antagonist to inhibit secretion of IFN- γ by lymphocytes or other immune cells in a mammal. Inhibition of IFN- γ is useful for treatment of inflammatory diseases or disorders, e.g., inflammatory bowel disease.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/41294

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 39/395, 39/00, 38/00; C07K 17/00
US CL : 424/143.1, 185.1; 514/8, 530/395

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 424/143.1, 185.1; 514/8

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BAILLY et al. Shedding of kidney injury molecule-1, a putative adhesion protein involved in renal regeneration. J Biol Chem. 18 October 2002 (18.10.2002), Vol. 277, No. 42, pages 39739-39748.	1-41
Y	ICHIMURA et al. Kidney injury molecule-1 (KIM-1), a putative epithelial cell adhesion molecule containing a novel immunoglobulin domain, is up-regulated in renal cells after injury. J Biol Chem. 13 February 1998 (13.02.1998), Vol. 273, No. 7, pages 4135-4142. See page 4136, 2nd col., under Affinity-purified Antibodies.	36
X,P	US 6,664,385 B1 (SANICOLA-NADEL et al.) 16 December 2003 (16.12.2003), Column 15, lines 21-45.	36
A	US 6,084,083 A (LEVINSON) 02 July, 2000 (02.07.2000).	1-41

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

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"&"

document member of the same patent family

Date of the actual completion of the international search

02 September 2004 (02.09.2004)

Date of mailing of the international search report

30 SEP 2004

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INTERNATIONAL SEARCH REPORT

PCT/US03/41294

Continuation of B. FIELDS SEARCHED Item 3:

WEST, MEDLINE, STN.

searched terms: KIM-1, anti-KIM-1 antibodies, KIM-1 antagonist, graft, immune disorder, T cell, B cell, helper cell, GVHD.